

## **THE AMENDMENTS**

### **In the Claims:**

1 (currently amended)

A liquid crystal display comprising microcups as display cells which are:

- a) formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and a first liquid crystal composition; ~~and~~
- b) filled with a second liquid crystal composition; and
- c) sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the second liquid crystal composition.

2 (previously presented)

The liquid crystal display of Claim 1 wherein said microcup composition is an embossable composition.

3 (previously presented)

The liquid crystal display of Claim 1 wherein the liquid crystal in the first liquid crystal composition has a concentration no greater than its solubility limit in the microcup composition.

4 (previously presented)

The liquid crystal display of Claim 1 wherein said thermoplastic, thermoset or precursor thereof is a multifunctional acrylate or methacrylate, vinyl ether, epoxide or an oligomer or polymer thereof.

5 (currently amended)

A liquid crystal display comprising microcups as display cells which are:

- a) formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and a speed enhancing comonomer or oligomer;
- b) filled with a liquid crystal composition; and
- c) sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the liquid crystal composition.

6 (previously presented)

The liquid crystal display of Claim 5 wherein said microcup composition is an embossable composition.

7 (previously presented)

The liquid crystal display of Claim 5 wherein said speed enhancing comonomer or oligomer comprises a poly(ethylene glycol) or poly(propylene glycol) moiety.

8 (previously presented)

The liquid crystal display of Claim 7 wherein said poly(ethylene glycol) or poly(propylene glycol) moiety is poly(ethylene glycol) monoacrylate, poly(ethylene glycol) monomethacrylate, poly(ethylene glycol) diacrylate, poly(ethylene glycol) dimethacrylate, poly(propylene glycol) monoacrylate, poly(propylene glycol) monomethacrylate, poly(propylene glycol) diacrylate or poly(propylene glycol) dimethacrylate.

9 (previously presented)

The liquid crystal display of Claim 5 wherein said thermoplastic, thermoset or precursor thereof is a multifunctional acrylate or methacrylate, vinyl ether, epoxide or an oligomer or polymer thereof.

10 (currently amended) A liquid crystal display comprising two or more layers of microcups wherein said microcups are:

a) formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and liquid crystals a first liquid crystal composition;

b) filled with a second liquid crystal composition; and

c) sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the second liquid crystal composition.

11 (original) The liquid crystal display of Claim 10 wherein the liquid crystal has a concentration no greater than its solubility limit in the microcup composition.

12 (previously presented)

The liquid crystal display of Claim 10 wherein said thermoplastic, thermoset or precursor thereof is a multifunctional acrylate or methacrylate, vinyl ether, epoxide or an oligomer or polymer thereof.

13 (currently amended) ~~The liquid crystal display of Claim 10~~ A liquid crystal display comprising two or more layers of microcups, wherein said microcups are formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and a first liquid crystal composition; wherein said two or more layers of microcups are arranged in a staggered manner.

14 (currently amended)

A liquid crystal display comprising two or more layers of microcups wherein said microcups are:

a) formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and a speed enhancing comonomer or oligomer;

b) filled with a liquid crystal composition; and

c) sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the liquid crystal composition.

15 (original) The liquid crystal display of Claim 14 wherein said speed enhancing comonomer or oligomer comprises a poly(ethylene glycol) or poly(propylene glycol) moiety.

16 (original) The liquid crystal display of Claim 15 wherein said poly(ethylene glycol) or poly(propylene glycol) moiety is poly(ethylene glycol) monoacrylate, poly(ethylene glycol) monomethacrylate, poly(ethylene glycol) diacrylate, poly(ethylene glycol) dimethacrylate, poly(propylene glycol) monoacrylate, poly(propylene glycol) monomethacrylate, poly(propylene glycol) diacrylate or poly(propylene glycol) dimethacrylate.

17 (previously presented)

The liquid crystal display of Claim 14 wherein said thermoplastic, thermoset or precursor thereof is a multifunctional acrylate or methacrylate, vinyl ether, epoxide or an oligomer or polymer thereof.

18 (currently amended) ~~The liquid crystal display of Claim 14~~ A liquid crystal display comprising two or more layers of microcups, wherein said microcups are formed from a microcup composition comprising a thermoplastic, a thermoset or a precursor thereof and a speed enhancing comonomer or oligomer; wherein said two or more layers of microcups are arranged in a staggered manner.

19-49 (canceled)

50 (previously presented)

The liquid crystal display of Claim 10 wherein said two or more layers of microcups are sandwiched between two conductor films.

51 (previously presented)

The liquid crystal display of Claim 14 wherein said two or more layers of microcups are sandwiched between two conductor films.

52 (new)

The liquid crystal display of Claim 13 wherein said microcaps are filled with a second liquid crystal composition and sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the second liquid crystal composition.

53 (new)

The liquid crystal display of Claim 18 wherein said microcaps are filled with a liquid crystal composition and sealed with a sealing layer formed from a sealing composition having a specific gravity lower than that of the liquid crystal composition.